

**EDWARD BYRNE MEMORIAL
JUSTICE ASSISTANCE GRANT
JAG
FY 2016 LOCAL SOLICITATION
LOCAL PUBLIC
APPLICATION REVIEW**



Richard Roundtree, Sheriff
Richmond County Georgia

Prepared & Submitted
March 31, 2017

Application #2016-H4531-GA-DJ



RICHMOND COUNTY SHERIFF'S OFFICE

Sheriff Richard Roundtree

Law Enforcement Center

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March 31, 2017

To the Citizens of Augusta-Richmond County, Georgia

Dear Citizens of Augusta-Richmond County:

The Richmond County Sheriff's Office is in the process of applying for funding through the Edward Byrne Memorial Justice Assistance Grant (JAG) FY 2016 Local Solicitation Program. The grant administered by the Bureau of Justice Assistance, U.S. Department of Justice is to provide funds to units of local government to underwrite projects to reduce crime and improve public safety.

For eighteen years, the Richmond County Sheriff's Office has utilized Department of Justice funding programs to hire deputies, purchase mobile radio equipment, law enforcement vehicles, and purchase and maintain Mobile Data Terminals for our Field Operations and Criminal Investigations Divisions' vehicles. **It is our desire to utilize the funding available in the 2016 JAG program to Purchase Archive Storage Device for Body Worn Video.**

As a prerequisite to approval, the citizens of Augusta-Richmond County must be given an opportunity to review the application process and provide feedback. With this in mind, I ask you to review the proposal for funding on the following pages. This funding program offers our agency \$56,974 to support the **RCSO Body Worn Video Program** over the next three years, **with no requirement to spend any local tax dollars** (referred to as a "local match").

If you would like to provide feedback or make an inquiry or comment regarding this funding program, please contact Colonel Robert Partain at (706) 821-1430, or email rpartain@augustaga.gov.

Sincerely,

Richard Roundtree
Sheriff, Richmond County, Georgia

RR/rp

Program Narrative

Richmond County Sheriff's Office: FY 2016 BJA-Local Application Funding Request

Proposed Program Activity: Implementation of Archive Storage Device for Body Worn Video

Introduction:

The Richmond County Sheriff's Office (RCSO) implemented Body Worn Cameras (BWC) in the fall of 2015. In the months since implementation, the RCSO has determined the usefulness of the BWC for training, public relations, and investigative support. There are currently 300 BWC deployed. More devices are planned for the future, with as many as 450 envisioned if all deputies who interact with the public and with prisoners are included. The deputies involved with the rollout thus far have captured on average 7TB per day, with an average video size of 677MB, ranging from quick traffic stops to much longer interactions with citizens. Presently RCSO stores video data on five 17TB external hard drives.

Analysis:

Thus far, the major challenge for BWC operations is the storage of the video that is captured. Governor Nathan Deal signed HB 976 in the spring of 2016, which provided legislative direction on this subject. House Bill 976 addressed the management and storage of video captured by law enforcement officials. Due to the passage and signing of this bill, effective July 1, 2016 the RCSO will be responsible for capturing an estimated 150 Terabytes (TB) of video each year. In accordance with HB976, some of the captured video will be deleted after 180 days, but any video related to an investigation will need to be kept up to 30 months, and in reality it may be much longer. The consequence of HB 976 is that the overall storage required will be forever increasing because there will be a constant influx of new videos each and every day along with a category of videos that cannot be deleted for an extended period of time.

Effective storage and management of the BWC solution requires multiple components, including the capture devices (cameras), a method of recording information about the videos (indexing), a means of transferring video from the cameras to a storage device, and the storage device itself. In order to meet this challenge, the RCSO has worked with the Augusta Information Technology (IT) Department to satisfy the requirements for the first three items. The storage need; however, is increasing and will continue to do so into the future.

Program Methods:

Members of RCSO and the Augusta Information Technology department have analyzed and projected the storage needs for archiving body worn video data. The members concluded implementing Four B1200i storage devices added to the current environment. This will provide 144TB of storage. Built on proven BeyondRAID™ technology, the B1200i is optimized for Small and Medium Business (SMB) IT to provide reliable, high-performance, and self-optimizing storage for server virtualization, email, and data protection. Coupled with innovative Automated Data-Aware Tiering, the Drobo B1200i delivers a level of automation and technical sophistication usually reserved for more expensive enterprise solutions. It integrates seamlessly into your TCP/IP network infrastructure and utilizes the industry-standard iSCSI protocol to provide powerful, yet simple, consolidated storage for your IT environment. Twelve 3.5" drive bays (supports SAS, SSD, and SATA for hybrid storage solutions).

- 4x Gigabit Ethernet ports (cables provided)
- BeyondRAID for advanced data protection
- Thin provisioning and reclamation
- Supports 255 SmartVolumes of up to 16TB each
- Automatic protection (RAID) levels
- Single or dual disk redundancy
- Virtual hot spare

Conclusion:

Body Worn Video evidence has become a reality within the law enforcement community. It has become an effective tool which records the interactions of the police and the public. The biggest challenge with this evidence is the long term storage needs to maintain this evidence. Legislative bodies have also placed demands on law enforcement through the passage of laws to maintain video evidence for a required period of time. The solutions RCSO and the Augusta Information Technology Department have proposed will ensure video evidence is stored and retrieved with efficiency for a span of 2-3 years.

D. Equipment – List **non-expendable** items that are purchased (Note: Organization's own capitalization policy for classification of equipment should be used). **Expendable** items should be included in the "Supplies" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technological advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project, and describe the procurement method to be used. [To View an Example, Click Here](#)

EQUIPMENT (FEDERAL)

Item	Computation		Cost
	Quantity		
BI200i Storage devices	4	\$13,799.00	\$55,196
Backup and Recovery Software	1	\$1,778.00	\$1,778
FEDERAL TOTAL			\$56,974

EQUIPMENT NARRATIVE (FEDERAL)

The storage devices are used to store and retrieve the Body Worn Video camera footage used by the deputies of the Richmond County Sheriff's (RCSO). The agency currently deploys over 300 cameras at the present time. The storage devices will enhance the agencies retention capabilities and the software will ensure the long term security of the video and efficient retrieval of video footage.

Budget Summary – When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Request	Non-Federal Amounts	Total
A. Personnel	\$0	\$0	\$0
B. Fringe Benefits	\$0	\$0	\$0
C. Travel	\$0	\$0	\$0
D. Equipment	\$56,974	\$0	\$56,974
E. Supplies	\$0	\$0	\$0
F. Construction	\$0	\$0	\$0
G. Consultants/Contracts	\$0	\$0	\$0
H. Other	\$0	\$0	\$0
Total Direct Costs	\$56,974	\$0	\$56,974
I. Indirect Costs	\$0	\$0	\$0
TOTAL PROJECT COSTS	\$56,974	\$0	\$56,974

Federal Request	\$56,974
Non-Federal Amount	\$0
Total Project Cost	\$56,974

Public Reporting Burden

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